

Feature	Area Affected by Restoration	Type, Function, and Value
Tidegate Retrofits for Salmonid Passage Habitat Restoration	~38 stream miles	Type: Tributary reconnection to Columbia River Function: Increase access/egress for ocean-type salmonids; improve access for adult salmonids to headwaters for spawning. Value: High

Project Description:

General Description: The Corps will improve existing tidegates to improve Anadromous fish movements through the structures. Three Oregon locations, Tide Creek, Grizzly Slough and [Hall Creek (Fertile Valley), *constructed by USFWS, 2003*], and two Washington locations, Burris Creek and Deep River, have been identified as potential locations for these improvements. The new tidegates will be either a lightweight, hinged door that fits over the end of the large diameter drainage pipe that opens and closes in response to changes in hydraulic pressure and/or small sliding doors added to the tidegates.

Monitoring Effort – No monitoring of this feature will be employed. Proposed monitoring costs greatly exceeded feature implementation costs thus jeopardizing feature implementation. Consequently, monitoring efforts were dropped from consideration.

Tidegate Evaluation: Each potential tidegate retrofit location will be evaluated to determine condition of the existing tidegate and associated drainage pipe to determine the need for replacement. Landowners and diking districts would be contacted and agreements obtained to retrofit these structures plus address future O&M requirements. Fish passage design for the retrofitted tidegates will be coordinated with NOAA Fisheries and U.S. Fish and Wildlife Service.

Tidegate Maintenance and Management Plan – The Corps shall enter into an agreement with the Project sponsors prior to construction that will ensure future maintenance of the retrofitted tidegates. Either the sponsor or their agent will accomplish the operation and maintenance of these features.

Monitoring Schedule: No monitoring efforts are proposed.

Correspondence: NOAA Fisheries and the U.S. Fish and Wildlife Service will be notified of contractors employed to accomplish these actions, dates of their notices to proceed and when final reports are due. Each agency will be furnished final reports on each monitoring action as they are received.

Adaptive Management Actions: Structural modifications to the tidegates post-construction will be further evaluated and implemented if necessary. As these structures protect private property, modifications to the structures will require the approval of the local landowners and the diking district.

Progress Report: A progress report will be provided to NOAA Fisheries and the U.S. Fish and Wildlife Service post-construction by December 1 of the construction year.

	Construction Year 1 (Baseline)	Construction Year 2	O&M Year 2
Point Photography			
a. Burris Creek	Two photo Stations	Two photo Stations	Two photo Stations
b. Tide Creek	Two photo Stations	Two photo Stations	Two photo Stations
c. Deep River	Two photo Stations	Two photo Stations	Two photo Stations
d. Grizzly Slough	Two photo Stations	Two photo Stations	Two photo Stations
e. Hall Creek	Two photo Stations	Two photo Stations	Two photo Stations
Monitoring Report	1-Dec	1-Dec	1-Dec

